CLAIMS

1. A method for enabling a creation of presentation data for later projection, the method comprising:

determining a recommended size for the created presentation data displayed on a display screen of a computer executing a presentation authoring tool, comprising:

i) receiving input of an expected viewing distance for the later projection of the presentation data; and

ii) determining the recommended size based upon the expected viewing distance of the later projection having a projected data size viewable by a person, having a certain vision capability, at the expected viewing distance.

2. The method of claim 1 wherein the presentation data comprises at least one of text data and image data.

3. The method of claim 1 wherein the size is a font size.

4. The method of claim 1 wherein the expected viewing distance is at least one of a maximum viewing distance and a room depth of a room in which the later projection takes place.

5. The method of claim 1 wherein determining the recommended size is further based upon a size in height of the later projection, a height of the display screen, and a font height for characters on a line of a vision chart corresponding to the certain vision capability.

6. The method of claim 1 further comprising receiving further input of at least one of a size in height of the later projection, a height of the display screen, a number of picture elements per inch of the display screen, a display type, and the certain vision capability.

7. A method for displaying presentation data on a display screen of a computer executing a presentation authoring tool having means for enabling a creation of the presentation data, having a current font size, for later projection, the method comprising:

receiving input for an expected viewing distance of the later projection having a given projection screen height; and

redisplaying the presentation data using a second font size on the display screen that is representative of an anticipated appearance of the later projection, having a projected font size based upon the current font size, using the given projection screen height, of the presentation data by a person, having a certain vision capability, at the expected viewing distance.

8. The method of claim 7 wherein redisplaying further comprises determining a new display screen height and adjusting the second font size of the presentation data for the new display screen height.

9. A computer program, on a computer usable medium, having program code means for enabling a creation of presentation data for later projection, the computer program comprising:

program code means for enabling a determination of a recommended size for the created presentation data displayed on a display screen of a computer executing a presentation authoring tool, comprising:

i) program code means for enabling receipt of input of an expected viewing distance for the later projection of the presentation; and

ii) program code means for enabling a determination of the recommended size based upon the expected viewing distance of the later projection having a projected data size viewable by a person, having a certain vision capability, at the expected viewing distance.

10. The computer program of claim 9 wherein the presentation data is at least one of text data and image data.

11. The computer program of claim 9 wherein the program code means for enabling a determination of the recommended size is further based upon a size in height of the later projection, a height of the display screen, and a font height for characters on a line of a vision chart corresponding to the certain vision capability.

12. A computer program, on a computer usable medium, having program code means for enabling a creation of presentation

data, having a current font size, for later projection, the computer program comprising:

program code means for enabling receipt of input for an expected viewing distance of the later projection having a given projection screen height; and

program code means for enabling a redisplaying of the presentation data using a second font size on the display screen that is representative of an anticipated appearance of the later projection, having a projected font size based upon the current font size, using the given projection screen height, of the presentation data by a person, having a certain vision capability, at the expected viewing distance.

13. The computer program of claim 12 wherein the program code means for enabling the redisplaying further comprises program code means for enabling a determination of a new display screen height and adjusting the second font size of the presentation data for the new display screen height.

14. A computer system having a processor for executing a presentation authoring program, stored in memory, for enabling a creation of presentation data for later projection, the computer system comprising:

means for determining a recommended size for the created presentation data displayed on a display screen of the computer, comprising:

i) means for receiving input of an expected viewing distance for the later projection of the presentation; and

ii) means for determining the recommended size based upon the expected viewing distance of the later projection having a projected data size viewable by a person, having a certain vision capability, at the expected viewing distance.

15. The computer system of claim 14 wherein the presentation data is at least one of text data and image data.

16. The computer system of claim 14 wherein the expected viewing distance is at least one of a maximum viewing distance and a room depth of a room in which the later projection takes place.

17. The computer system of claim 14 wherein the means for determining the recommended size is further based upon a size in height of the later projection, a height of the display screen, and a font height for characters on a line of a vision chart corresponding to the certain vision capability.

18. The computer system of claim 14 further comprising means for receiving further input of at least one of a size in height of the later projection, a height of the display screen, a number of picture elements per inch of the display

screen, a display type, and the certain vision capability.

19. A computer system having a processor for executing a presentation authoring tool, stored in memory, for enabling a creation of presentation data, having a current font size, for later projection, the computer system comprising:

means for receiving input for an expected viewing distance of the later projection having a given projection screen height; and

means for redisplaying the presentation data, on a display screen of the computer, using a second font size on the display screen that is representative of an anticipated appearance of the later projection, having a projected font size based upon the current font size, using the given projection screen height, of the presentation data by a person, having a certain vision capability, at the expected viewing distance.

20. The computer system of claim 19 wherein the means for redisplaying further comprises means for determining a new display screen height and adjusting the second font size of the presentation data for the new display screen height.